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SUBSTITUTE for PTO/SB Utility Patent Application Transmittal  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		20369Y
First Inventor or Application Identifier		Zhao, et al.
Title	IMPROVED RECOMBINANT HEPATITIS B SURFACE ANTIGEN	
Express Mail Label No.		EE208346604US

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<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		
2. <input checked="" type="checkbox"/> Specification [ Total Pages 29 ]		
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [ Total Sheets 7 ] [ Total Pages 36 ]		
4. Oath or Declaration		
a. <input checked="" type="checkbox"/> Newly executed (original or copy)		
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 14 completed)		
<i>[Note Box 5 below]</i>		
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u>  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).		
5. <input checked="" type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein.		
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
a. <input type="checkbox"/> Computer Readable Copy		
b. <input type="checkbox"/> Paper Copy (identical to computer copy)		
c. <input type="checkbox"/> Statement verifying identity of above copies		
<b>ACCOMPANYING APPLICATION PARTS</b>		
7. <input type="checkbox"/> Assignment papers (cover sheet & document(s))		
8. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney		
9. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
10. <input type="checkbox"/> Preliminary Amendment		
11. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
12. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)		
13. <input type="checkbox"/> Other: _____		

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No. 60 / 113,400

15. CORRESPONDENCE ADDRESS

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NAME	Michael D. Yablonsky				
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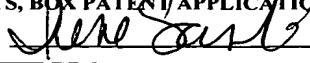
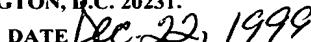
Name	Michael D. Yablonsky	Registration No. (Attorney/Agent)	40,407
Signature			Date 12/22/1999

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT December 22, 1999

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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE  
UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE"  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Deposit Acct. 13-2755  
MERCK & CO., INC.  
Our Case Docket No. 20369Y

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the patent application of Inventor(s):  
Qinjian Zhao, Robert Sitrin, Dicky G. Abraham, David P. Gervais, Juan Giminez and Yang Wang

For: IMPROVED RECOMBINANT HEPATITIS B SURFACE ANTIGEN

For	Number Filed	Number Extra	Rate	Basic Fee \$760
Total Claims	20 - 20 =	0 X	\$18	= \$0
Independent Claims	2 - 3 =	0 X	\$78	= \$0
Multiple Dependent Claims*	0	0 X	\$260	= \$0
* Add this fee if application contains any multiple dependent claims, regardless of number.			TOTAL FILING FEE →	\$760

Please charge my Deposit Account No. 13-2755 in the amount of \$ 760. The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 13-2755. Duplicate copy of this sheet is enclosed.

Under the provisions of 37 C.F.R. §1.53, this application is being filed without the declaration of each inventor.

Respectfully,

By Michael D. Yablonsky  
Attorney For Applicant(s)

Reg. No. 40,407

MERCK & CO., INC.

Patent Dept., RY60-30

P.O. Box 2000

Rahway, N.J. 07065-0907

(732) 594- 4678

Date: December 21, 1999

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